BIO-RHYTHM IMPROVEMENT SUGGESTION...Cliff K. Fujii

Bio-rhythm expressions are measured values starting from 1 (high) and decending to -1(blahs). M. R. Angliss improvised a very intresting bio-rhythm simulation. The only problem with his program is that one has to interpolate the figures to get any kind of value. Bio-rhythm values represent a trigonomic relationship and are not within the memory capability of the Bally unit. At best, even this program improvement would represent only approximate values since the curve used to render these values are only approximates. Take the following changes and apply them to the basic program. To increase memory space, eliminate unnecessary spaces and quotation marks i.e. quotation marks that close a PRINT statement that has no other command or value following the statement.

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1.
2.
3.
4.BIO-RHYTHMS
5;RETURN   (the repeated ;RETURN has been deleted to save SZ)
8CLEAR   (delete PRINT to save SZ)
10FC=7   (delete NT=Ø to save SZ)
25   (delete NT=3 to save SZ)
45   (delete CLEAR to save SZ)
60INPUT "YEAR 19"Y   (slight format change)
65   (delete CLEAR to save SZ)
80INPUT "YEAR 19"C   (slight format change)
35PRINT "BIRTH STATISTICS:   (added to clarify the first input)
82   (delete PRINT;PRINT;PRINT to save SZ)
150PRINT ;PRINT "PHYSICAL ",X   (added PRINT to provide separation) (150 and 230 were
230PRINT "MENTAL   ",Z          changed so that the numbers would line up)
735FC=65   (NT=Ø has been deleted to save SZ)
750   (PRINT has been deleted to save SZ)
760CY=4;PRINT "PHYS   (PHYS repositioned so as not to interfere with the numbers)
790BOX Ø,Ø,1,86,1   (790 and 815 were changed so that the white boxes fromed at their
815BOX 15,J,125,1,1  intercepts would not confuse the person trying to make a reading)
987CLEAR   (gets rid of old information)
1010PRINT "DO YOU WISH ANOTHER BIO-  RHYTHM FOR THE YEAR OF",1900+C   (prints whole year)
1080CLEAR ;STOP   (sets the computer for other uses)
2000IF T=ØIF J=27V=7;GOSUB 2050
2010IF T=ØIF J=ØV=5;GOSUB 2050
2020IF T=ØIF J=-26V=8;GOSUB 2050
2030RETURN   (2000 to 2030 Intercept Identification sub-routine)
2050O=P‡V;B=RMx1000‡V   (begins fractionalizational process)
2060IF J=27CY=22;GOSUB 2100
2070IF J=ØCY=-5;GOSUB 2100
2080IF J=-26CY=-32;GOSUB 2100
2090RETURN   (2060 to 2090 Number Placement Sub-routine)
2100IF B>=ØCX=-77;PRINT #1,O,".",B;RETURN
2110IF B<ØCX=-77;PRINT #1,"-",O,".",ABS(B);RETURN
865GOSUB 2000   (branches to number sub-routine)
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